

SEARCH REQUEST FORM**Scientific and Technical Information Center**

Requester's Full Name: Rick PALABRICA Examiner #: 78829 Date: May 17, 2002
 Art Unit: 3641 Phone Number 306-5756 Serial Number: 09/830,040
 Mail Box and Bldg/Room Location: PKS; 3A17 Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: Energy Generation

Inventors (please provide full names): Christopher ECCLES

Earliest Priority Filing Date: 10/15/1999

**For Sequence Searches Only* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.*

Please search the following subject matters:

- 1) Fractional quantum levels or below ground state in or electrolytic cell containing electrolytic of water ~~and/or~~ or deuterated water
- 2) Plasma in an electrolytic cell or system containing water or deuterated water; could involve cold fusion or nuclear
- 3) Electronic transition on deep Dirac levels in electrolysis

See abstract - attached

(54) Title: ENERGY GENERATION

(57) Abstract

Methods and apparatus are described for releasing energy from hydrogen and/or deuterium atoms. An electrolyte is provided which has a catalyst therein suitable for initiating transitions of hydrogen and/or deuterium atoms in the electrolyte to a subground energy state. A plasma discharge is generated in the electrolyte to release energy by fusing the atoms together.

